



ELECTRONIC TUBE REFERENCE

8128

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Wideband pulsed traveling-wave amplifier for 2.9–3.1 GHz service, capable of at least 60 kW peak RF output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	8 V / 8 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 TravelingWave

No fixed ratings recorded.

Pulsed traveling-wave electron-beam interaction system; RF frequency and pulse-power ratings retained as parameters.

Wide-band pulsed traveling-wave tube for 2900 to 3100 MHz service with at least 60 kW peak output.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1938 RAYTHEON

Section 1 · TravelingWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyRange	2900–3100 MHz	—
PeakRFOutputPowerMinimum	60 kW	—
GainMinimum	20 dB	—

TUBE TINKER

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and their source documents.

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